FIG. 1

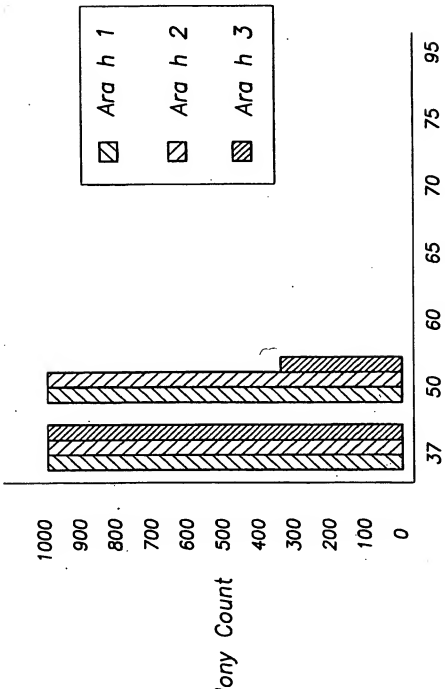
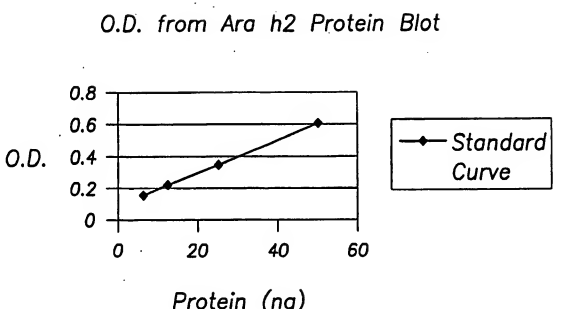

Colony Count as a Function of Temperature
Colony Count
1000
900
800
700
600
500
400
300
200
100
0
37
50
60
65
70
75
95
Temperature
Ara h 1
Ara h 2
Ara h 3

FIG.2



Replacement Sheet

FIG.3

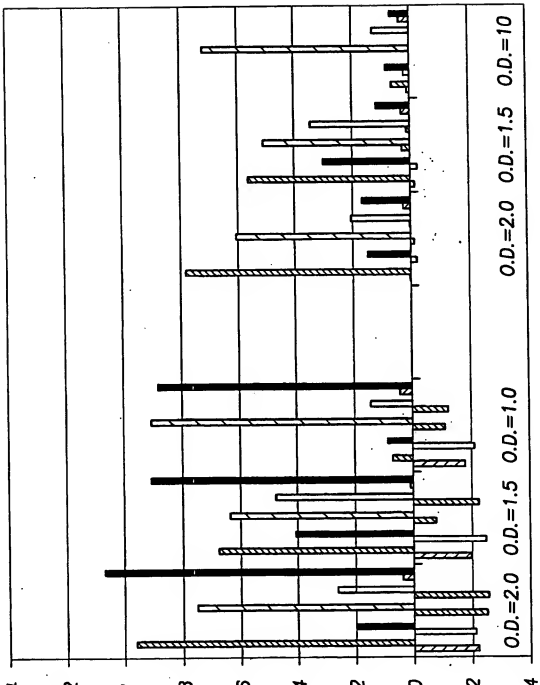
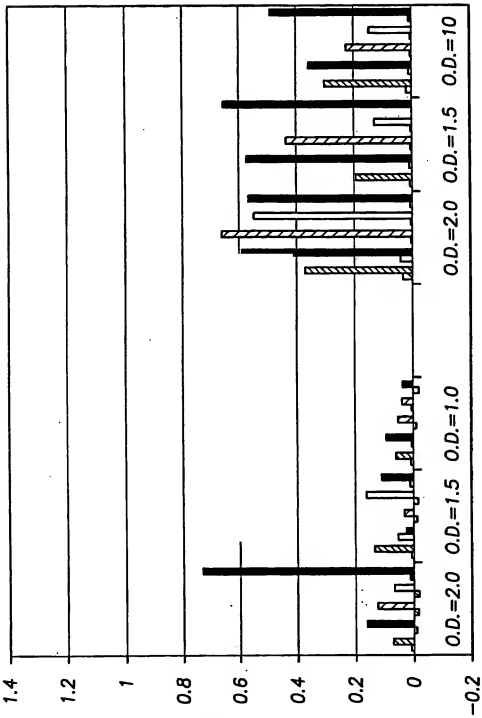

Ara h 2 IgG1 and IgG2a
O.D. 450
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
O.D.=2.0 O.D.=1.5 O.D.=1.0
O.D.=2.0 O.D.=1.5 O.D.=10

FIG. 4


Ara h 3-specific IgG1 and IgG2a
O.D. 450
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
O.D.=2.0 O.D.=1.5 O.D.=1.0
O.D.=2.0 O.D.=1.5 O.D.=10

SEQ. ID NO.
90
4
100
5
110
6
120
7
130
44. TNQRSPPGERTRGRQPGDYDDDRRQPRREEGGRWGPAGPRERREEDWRQPR
45. TNQRSPPGER
46. QRSPPGERTR
47. SPPGERTRGR
48. PGERTRGRQP
49. ERTRGRQPGD
50. TRGRQPGDYD
51. GRQPGDYDDD
52. QPGDYDDDRR
53. DYDDDRRQPR
54. YDDDRRQPRR
55. DDRRQPRREE
56. RRQPRREEGG
57. QPRREEGGRW
58. PRREEGGRWGP
59. REEGGRWGPAG
60. GGRWGPAGPR
61. RWGPAGPRER
62. GPAGPRERER
63. AGPRERERER
64. PRERERREEDW
65. ERERREEDWRQ
66. RERREEDWRQPR

Figure 5

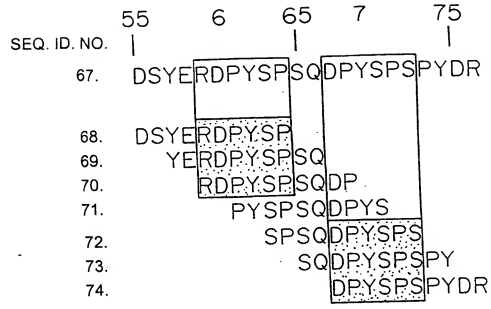


Figure 6

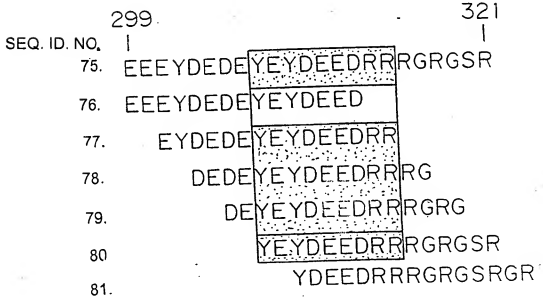


Figure 7

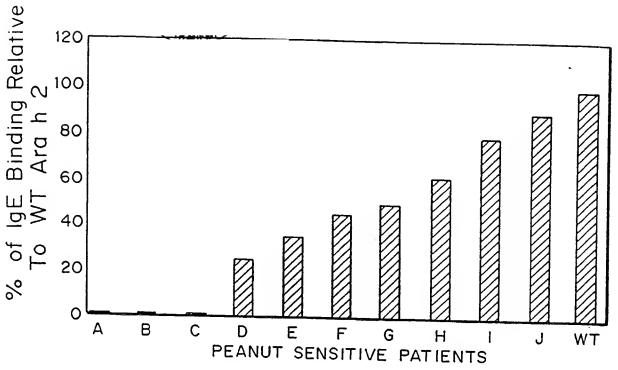


Figure 8

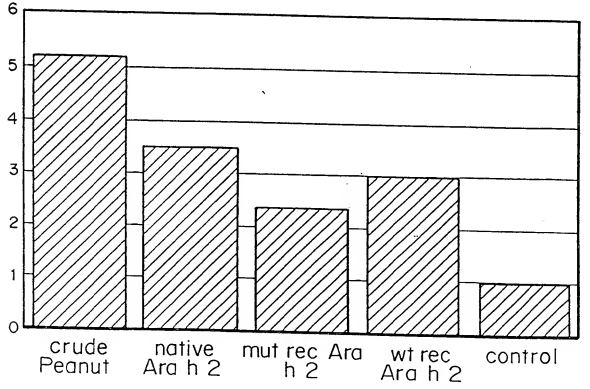


Figure 9